

Title (en)
MACHINING DEVICE AND METHOD FOR MACHINING A ROTOR ARRANGED IN A TURBINE HOUSING WHICH CONSISTS OF TWO PARTS, THEREBY FORMING A JOINT, AND METHOD FOR REPAIRING AND/OR RETROFITTING A TURBINE

Title (de)
BEARBEITUNGSVORRICHTUNG UND VERFAHREN ZUR BEARBEITUNG EINES IN EINEM UNTER BILDUNG EINER TEILFUGE ZWEIFELTEILTEN TURBINENGEHÄUSE ANGEORDNETEN ROTORS SOWIE VERFAHREN ZUR REPARATUR UND/ODER NACHRÜSTUNG EINER TURBINE

Title (fr)
DISPOSITIF ET PROCÉDÉ D'USINAGE DESTINÉS À L'USINAGE D'UN ROTOR DISPOSÉ DANS UN CARTER DE TURBINE EN DEUX PARTIES POUR FORMER UN JOINT DE SÉPARATION AINSI QUE PROCÉDÉ DE RÉPARATION ET/OU DE MISE À NIVEAU D'UNE TURBINE

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Abstract (en)
[origin: WO2018046209A1] The invention relates to a machining device (13) for machining a rotor arranged in a turbine housing which consists of two parts, thereby forming a joint (11), in situ while the upper housing half is removed, comprising the following: - a main part (14) which has securing means (21) for releasably securing the main part (14) to the lower housing half (12) in the region of the joint (11), at least one tool holder (15) for receiving at least one machining tool (24) which is secured on the main part (14) directly or indirectly so as to be alignable relative to the main part (14), - multiple telescopic stabilizing elements (16) which can be locked into different longitudinal settings preferably in a continuous manner, the free end of each of which is secured to the main part (14) in an articulated manner, and the other free ends of which are provided with additional securing means (49) that are designed such that the free ends can be secured to the lower housing half (12) of the turbine housing in a releasable and articulated manner. The invention additionally relates to a method for machining a rotor arranged in a turbine housing which consists of two parts, thereby forming a joint (11), and to a method for repairing and/or retrofitting a turbine.

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